2837

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/720,028
Filing Date	December 20, 2000
First Named Inventor	Junichi HAYAKAWA et al.
Group Art Unit	2837
Examiner Name	K. Lockett
Total Number of Pages in This Submission	
Attorney Docket Number	0670-0251

ENCLOSURES *(check all that apply)*

- [ ] Fee Transmittal Form
  - [ ] Fee Attached
- [X] Amendment / Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Response to Missing Parts/ Incomplete Application
  - [ ] Response to Missing Parts under 37 CFR 1.52 or 1.53

- [ ] Assignment Papers *(for an Application)*
- [ ] Drawing(s)
- [ ] Declaration and Power of Attorney
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____

- [ ] After Allowance Communication to Group
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
- [ ] Proprietary Information
- [ ] Status Letter
- [ ] Other Enclosures
  1.
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Remarks

[X] The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	1-22-03

CERTIFICATE OF MAILING

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Junichi HAYAKAWA et al.)

Serial No. 09/720,028)

Filed: December 20, 2000)

For: SPEAKER DIAPHRAGM)

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Art Unit: 2837

Examiner: K. Lockett

AMENDMENT

Honorable Commissioner of Patents

Washington, D.C. 20231

Sir:

In response to the Office Action dated October 22, 2002 please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 3, 8 and 10 and amend claims 1 and 5 as follows:

1.   (Amended)   A speaker diaphragm having a generally cone shape, comprising:

a plurality of projections forming a periodical structure along a circumferential direction in a slanted area of the speaker diaphragm, each projection extending radially from a central area to an edge portion and curving along the circumferential direction as the speaker diaphragm comes near to the edge portion; and

a plurality of recesses formed between the plurality of projections,

wherein at least one surface is curved in an area from each projection to each recess, and

wherein the odd number of projections are formed as counted along the circumferential direction, and the projection has a cross section like a screw propeller.